

CHROMOSOME NUMBERS OF THAILAND COMPOSITAE

by

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I would like to report chromosome counts for 15 collections representing 8 species of Compositae collected in Thailand during the summer of 1963. Buds were collected in the field in 4 parts chloroform, 3 parts absolute alcohol and 1 part glacial acetic acid. These were air mailed to Prof. B. L. Turner, the University of Texas, Austin, Texas, who made the meiotic counts following staining procedures using acetocarmine. Voucher specimens are deposited at the United States National Herbarium, Smithsonian Institution and in the Herbarium, the University of Texas. This study was supported, in part, by a government grant to B. L. Turner (N.S.F. GB 1216).

LITERATURE CITED

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TABLE 1.--Chromosome numbers of Thailand Compositae.

Species	<u>n</u> =	Voucher Collection (by Province)	Previous Count <u>n</u> =	Reference To Previous Count
<u>Ageratum conyzoides</u> L.	20	Nakhon Rat Sima, <u>King 5528</u>	20	Turner & King, 1964
<u>Ageratum conyzoides</u> L.	20	Nakhon Nayok, <u>King 5537</u>		
<u>Ageratum conyzoides</u> L.	ca. 20	Ranong, <u>King 5574</u>		
<u>Ageratum conyzoides</u> L.	20	Ranong, <u>King 5577</u>		
<u>Ageratum conyzoides</u> L.	20	Ranong, <u>King 5584</u>		
<u>Erigeron</u> (Conyza) <u>sumatrensis</u> Retz.	ca. 27	Prachuab, <u>King 5567</u>		
<u>Eupatorium</u> sp.	10	Pranakorn, <u>King 5597</u>		
<u>Gnaphalium luteo-album</u> ssp. <u>affine</u> (D. Don.) Koster	7	Chieng Mai, <u>King 5469</u>	7	Darlington & Wylie, 1956; Cave, 1960
<u>Gynura pseudochina</u> (L.) DC.	10	Kamphaeng Phet, <u>King 5438</u>		
<u>Synedrella nodiflora</u> (L.) Gaertn.	ca. 20	Nakhon Rat Sima, <u>King 5524</u>	19	Cave, 1962
<u>Vernonia patula</u> (Dry.) Merr. var. <u>patula</u>	9	Pranakorn, <u>King 5563</u>		
<u>Wedelia biflora</u> (L.) DC.	15	Pranakorn, <u>King 5555</u>	15	Chuang <u>et al.</u> , 1962
<u>Wedelia biflora</u> (L.) DC.	15	Pranakorn, <u>King 5556</u>		
<u>Wedelia biflora</u> (L.) DC.	15	Pranakorn, <u>King 5596</u>		